

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F19/00 A61B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 603 494 B1 (BANKS SETH RICHARD ET AL) 5 August 2003 (2003-08-05) the whole document ----- US 6 614 873 B1 (TAYLOR ROBERT MONTGOMERY ET AL) 2 September 2003 (2003-09-02) column 3, line 56 - column 10, line 391; figure 1 ----- US 6 404 841 B1 (PFORR CARL ET AL) 11 June 2002 (2002-06-11) column 3, line 31 - column 8, line 3; figures 1-3 ----- -----	1-24
X		1-12,16, 18,21-23
A		1,2,4,6, 8,10,11, 15,22-24

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

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Date of the actual completion of the international search

Date of mailing of the international search report

8 March 2005

15/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 988 851 A (GENT ET AL) 23 November 1999 (1999-11-23)  column 5, line 1 – column 8, line 11; figures 2,5 -----	1,2,10, 11,18, 22,23
A	US 6 411 836 B1 (PATEL ALPESH P ET AL) 25 June 2002 (2002-06-25) column 2, line 55 – column 4, line 55; figures 1-3 -----	1,4,7,8, 12,21-23
A	WO 02/069099 A (ALARIS MEDICAL SYSTEMS, INC) 6 September 2002 (2002-09-06) page 5, line 16 – page 11, line 24 -----	1,22,23

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 6603494 ✓	B1 05-08-2003	US 6674449 B1 US 2004024303 A1			06-01-2004 05-02-2004
US 6614873 ✓	B1 02-09-2003	CA 2350648 A1 EP 1131624 A1 JP 2002530171 T WO 0031522 A1			02-06-2000 12-09-2001 17-09-2002 02-06-2000
US 6404841 ✓	B1 11-06-2002	EP 1059879 A1 JP 2002533150 T WO 0038576 A1			20-12-2000 08-10-2002 06-07-2000
US 5988851 ✓	A 23-11-1999	DE 19629093 A1 JP 10071127 A			29-01-1998 17-03-1998
US 6411836 ✓	B1 25-06-2002	NONE			
WO 02069099	A 06-09-2002	US 2002169636 A1 CA 2434322 A1 CZ 20032608 A3 EP 1371003 A2 HU 0303338 A2 NO 20033753 A WO 02069099 A2			14-11-2002 06-09-2002 14-07-2004 17-12-2003 29-12-2003 25-08-2003 06-09-2002